

ID :506 Garjiya Pedestrian Bridge on Kosi River _ _ _ _ _

on Chainage 0.900 of Ranikhet Ramnagar Road to Garjiya Mandir Road

In District Naital Under CD Ramnagar Division

Bridge Inventory Report

Division: CD Ramnagar

Data not-yet finalized

General

Name of Division : 11

Revenue Block Name : 81

Chainage (at Mid Point) : 0.900

Road/ Segment Name : 422

Bridge Type : Pedestrian Bridge

Structure No : 1/2

Feature Intersected : Koshi River

Name of Bridge : Garjiya Pedestrian Bridge on Kosi River

Nearest Town : Ramnaga

Latitude (Northing) : 29.49410000

Longitude (Easting) : 79.14030000

Construction Year : 2011

Inventory Year : 2021

Geometric

Overall length (in meter) : 72.00

Total No of Span : 2

Maximum Span (in meter) : 36.00

Span Arrangement : 2x36m

No of Lane : 2.000

Overall Width (m) : 5.500

Carriageway Width (m) : 5.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.000

Gradient (%age) : 2

Skew Angle (degree) : 3.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level :

OFL Ordinary Flood Level :

LWL Low Water Level :

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Reinforced Elastomeric Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Well

Pier Foundation Type : Open

No of Piers : 1

Abutment Type : RCC Box type

Pier Type : RCC Solid

Protection Work

Bank Protection Left Side of Up-stream : no protection work provided

Bank Protection Right Side of Up-stream : no protection work provided

Bank Protection Left Side of Down-stream : no protection work provided

Bank Protection Right Side of Down-stream : no protection work provided

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : S.P. Dhasmana

